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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/819,666	03/29/2001	Koichi Abe	862.C2164	3226

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EXAMINER

EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 02/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/819,666	Applicant(s) ABE, KOICHI	
	Examiner Saeid Ebrahimi-dehKordy	Art Unit 2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-57 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-57 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 March 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claim 1-57 are rejected under 35 U.S.C. 102(b) as being anticipated by Maniwa et al (U.S. patent 5,768,483)

Regarding claim 1 Maniwa et al disclose: An information processing apparatus (please note Fig.1 item 102 the copier) which is connected to an image input device (please note Fig.1 item 103 the computer which sends print job to the copier) and image output device (please note Fig.1 item 102 the copier) via a communication medium (Fig.1 item 101) comprising: input control means for controlling an image input process by the image input device (please note column 18 lines 49-65 and column 19 lines 55-57) output control means for controlling an image output process by the image output device (please note Figs.5&6 the printer/scanner 107 where the controller controls the processing of the print jobs, column 16 lines 6-31) storage means for storing a plurality of image processing modes (please note column Fig.7 the file server 104 and copier where the profiles which are determining the user setups for different options of scanning or printing are acting as different print mode of scan mode are stored in both server and copier, column 21 lines 1-6) and input setup information and output setup information corresponding to the plurality of image processing modes (please note Fig.6

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lines 41-46 where the profile or mode are set according to the user setup for printing or scanning) and acquisition means for acquiring the input setup information and output setup information corresponding to the image processing mode selected by an operator from said storage means (please note column 18 lines 20-27 where the requested profile is transferred from the server to the copier) wherein said input control means controls the image input process of the image input device on the basis of the input setup information acquired by said acquisition means (please note column 18 lines 49-59) and said output control means controls the image output process of the image output device on the basis of the output setup information acquired by said acquisition means (please note column 33 lines 32-50).

Regarding claim 2 Maniwa et al disclose: The apparatus according to claim 1, further comprising display means for displaying the plurality of image processing modes (please note column 19 lines 65-67 and column 20 lines 1-3).

Regarding claim 3 Maniwa et al disclose: The apparatus according to claim 2, wherein the image input device is an image scanner for scanning a document image, and said input control means is image scan control means for controlling an image scan process by the image scanner (please note column 19 lines 58-64)

Regarding claim 4 Maniwa et al disclose: The apparatus according to claim 3, wherein the image output device is a printer for printing an image and said output control means is print control means for controlling an image print process by the printer (please note column 7 lines 14-19).

Regarding claim 5 Maniwa et al disclose: The apparatus according to claim 4, wherein

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the plurality of image processing modes are a plurality of copy modes which pertain to copy operation that uses the image scanner and the printer, and the input setup information and output setup information are scan setup information and print setup information corresponding to the plurality of copy modes (please note column 30 lines 13-29).

Regarding claim 6 Maniwa et al disclose: The apparatus according to claim 5 wherein the scan setup information includes setup information which pertains to a scan method and scan resolution (please note column 6 lines 53-67 and column 7 lines 1-5).

Regarding claim 7 Maniwa et al disclose: The apparatus according to claim 6, wherein the print setup information includes setup information which pertains to a print method, print resolution, print medium type, and print quality (please note column 17 lines 40-46).

Regarding claim 8 Maniwa et al disclose: The apparatus according to claim 7, wherein said scan control means controls the image scanner to scan an image at a resolution lower than the scan resolution contained in the scan setup information (please note column 6 lines 53-67 and column 7 lines 1-5).

Regarding claim 9 Maniwa et al disclose: The apparatus according to claim 4, wherein the printer is a printer with an image scan function, which is integrated with the image scanner, and the image scanner is detachable from the printer with the image scan function (please note column 6 lines 11-48).

Regarding claim 10 and 27 Maniwa et al disclose: The apparatus according to claim 2, further comprising generation means for generating a plurality of image processing

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modes from the input setup information for controlling the image input device and the output setup information for controlling the image output device (please note column 17 lines 46-67 and column 18 lines 1-15) wherein said storage means stores the input setup information and output setup information in correspondence with the plurality of generated image processing modes, and said display means displays the plurality of image processing modes stored in said storage means (please note column 19 lines 65-67 and column 20 lines 1-3).

Regarding claim 11 and 28 Maniwa et al disclose: The apparatus according to claim 4, wherein said storage means stores scan medium size information and print medium size information, which are selected by an operator (please note column 17 lines 53-56) and said apparatus further comprises: determination means for determining a copy magnification on the basis of the scan medium size information and print medium size information stored in said storage means; and zoom processing means for zooming an image scanned by the image scanner on the basis of the copy magnification determined by said determination means (please note column 31 lines 6-20).

Regarding claim 12,,29,37 and 48 Maniwa et al disclose: An information processing apparatus (please note Fig.1 item 102) which is connected to an image input device (please note Fig.1 items 104 and 103) and image output device (please note Fig.1 item 102) via a communication medium (please note Fig.1 item 101) comprising: generation means for generating a plurality of image processing modes (please note Fig.5 where the profiles which were generated by the WS 103 and are the modes in terms of being user's set up for specific out put job are send to the server 104 and thereon to the

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copier 102, column 15 lines 42-67 and column 16 lines 1-25) from input setup information for controlling the image input device (please note Fig.6, column 16 lines 6-36, also column 17 lines 42-56) and output setup information for controlling the image output device (please note column 18 lines 1-32) storage means for storing the input setup information and the output setup information in correspondence with the plurality of image processing modes (please note column 17 lines 53-56) and display means for displaying the plurality of image processing modes stored in said storage means (please note column 31 lines 21-27).

Regarding claim 13 Maniwa et al disclose: The apparatus according to claim 12, further comprising: input control means for controlling the image input device on the basis of the input setup information (please note column 5 lines 59-67 and column 6 lines 1-10) and output control means for controlling the image output device on the basis of the output setup information (please note column 18 lines 4-31).

Regarding claim 14 Maniwa et al disclose: The apparatus according to claim 13, wherein the image input device is an image scanner for scanning a document image (please note column 7 lines 50-55) and said input control means is image scan control means for controlling an image scan process by the image scanner (please note column 7 lines 63-67 and column 8 lines 1-14).

Regarding claim 15 Maniwa et al disclose: The apparatus according to claim 14, wherein the image output device is a printer for printing an image and said output control means is print control means for controlling an image print process by the printer (please note column 18 lines 3-31).

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Regarding claim 16 Maniwa et al disclose: The apparatus according to claim 15, wherein said generation means generates the plurality of copy modes on the basis of scan setup information for controlling the image scanner and print setup information for controlling the printer (please note column 17 lines 43-52) and said storage means stores the scan setup information and print setup information in correspondence with the plurality of copy modes (column 17 lines 53-56).

Regarding claim 17 Maniwa et al disclose: The apparatus according to claim 16, wherein the scan setup information includes setup information which pertains to a scan method and scan resolution (please note column 6 lines 53-67 and column 7 lines 1-5).

Regarding claim 18 Maniwa et al disclose: The apparatus according to claim 17, wherein the print setup information includes setup information which pertains to a print method, print resolution, print medium type, and print quality (please note column 17 lines 40-46).

Regarding claim 19,36 and 47 Maniwa et al disclose: An image processing method in an information processing apparatus which is connected to an image input device and image output device via a communication medium, comprising: the acquisition step of acquiring input setup information and output setup information corresponding to an image processing mode selected by an operator from input setup information and output setup information pre-stored in a memory (please note column 18 lines 20-27 where the requested profile is transferred from the server to the copier) the input control step of controlling an image input process of the image input device on the basis of the input setup information acquired in the acquisition step (please note column 18

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lines 49-59) and the output control step of controlling an image output process of the image output device on the basis of the output setup information acquired in the acquisition step (please note column 33 lines 32-50).

Regarding claim 20 Maniwa et al disclose: The method according to claim 19, further comprising the display control step of displaying the plurality of image processing modes on a display (please note column 19 lines 65-67 and column 20 lines 1-3).

Regarding claim 21 Maniwa et al disclose: The method according to claim 20, wherein the image input device is an image scanner for scanning a document image and the input control step comprises the image scan control step of controlling an image scan process by the image scanner (please note column 19 lines 58-64).

Regarding claim 22 Maniwa et al disclose: The method according to claim 21, wherein the image output device is a printer for printing an image, and the output control step comprises the print control step of controlling an image print process by the printer (please note column 7 lines 14-19).

Regarding claim 23 Maniwa et al disclose: The method according to claim 22, wherein the plurality of image processing modes are a plurality of copy modes which pertain to copy operation using the image scanner and the printer, and the input setup information and output setup information are scan setup information and print setup information corresponding to the plurality of copy modes (please note column 30 lines 13-29).

Regarding claim 24 Maniwa et al disclose: The method according to claim 23, wherein the scan setup information includes setup information which pertains to a scan method and scan resolution (please note column 6 lines 53-67 and column 7 lines 1-5).

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Regarding claim 25 Maniwa et al disclose: The method according to claim 24, wherein the print setup information includes setup information which pertains to a print method, print resolution, print medium type, and print quality (please note column 17 lines 40-46).

Regarding claim 26 Maniwa et al disclose: The method according to claim 25, wherein the scan control step includes the step of controlling the image scanner to scan an image at a resolution lower than the scan resolution contained in the scan setup information (please note column 6 lines 53-67 and column 7 lines 1-5).

Regarding claim 30 Maniwa et al disclose: The method according to claim 29, further comprising: the input control step of controlling the image input device on the basis of the input setup information; and the output control step of controlling the image output device on the basis of the output setup information (please note column 18 lines 4-31).

Regarding claim 31 Maniwa et al disclose: The method according to claim 30, wherein the image input device is an image scanner for scanning a document image (please note column 7 lines 50-55) and said input control means is the image scan control step of controlling an image scan process by the image scanner (please note column 7 lines 63-67 and column 8 lines 1-14).

Regarding claim 32 Maniwa et al disclose: The method according to claim 31, wherein the image output device is a printer for printing an image, and said output control means is the print control step of controlling an image print process by the printer (please note column 18 lines 3-31).

Regarding claim 33 Maniwa et al disclose: The method according to claim 32, wherein

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the generation step includes the step of generating the plurality of copy modes on the basis of scan setup information for controlling the image scanner and print setup information for controlling the printer (please note column 17 lines 43-52) and the storage step includes the step of storing in the memory the scan setup information and print setup information in correspondence with the plurality of copy modes (column 17 lines 53-56).

Regarding claim 34 Maniwa et al disclose: The method according to claim 33, wherein the scan setup information includes setup information which pertains to a scan method and scan resolution (please note column 6 lines 53-67 and column 7 lines 1-5).

Regarding claim 35 Maniwa et al disclose: The method according to claim 34, wherein the print setup information includes setup information which pertains to a print method, print resolution, print medium type, and print quality (please note column 17 lines 40-46).

Regarding claim 38 and 49 Maniwa et al disclose: A computer readable memory which stores a program code of an image processing method which is implemented using a scanner driver and printer driver (please note Fig.2, column 12 lines 7-11) in a host computer (please note column 15 lines 45-47) which is connected to a scanner and printer via a communication medium (please note Fig.1 item 101) comprising: a copy control code for controlling the scanner driver and printer driver (please note column 16 lines 6-24) and controlling a user interface which is used to make a copy operation and display copy information (please note Fig.1 column 6 lines 11-24) and a shared information storage code for storing in a memory setup information which is shared and

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used among the scanner driver the printer driver and the copy control code (please note Fig.2, column 12 lines 3-20).

Regarding claim 39 Maniwa et al disclose: The medium according to claim 38, wherein the setup information includes scan setup information and print setup information which correspond to a plurality of copy modes (please note column 16 lines 6-17).

Regarding claim 40 Maniwa et al disclose: The medium according to claim 39, wherein the copy control code acquires scan setup information and print setup information corresponding to the copy mode selected by an operator from the memory passes the scan setup information to the scanner driver and passes the print setup information to the printer driver (please note column 11 lines 47-67 and column 12 lines 1-17).

Regarding claim 41 Maniwa et al disclose: The medium according to claim 40, wherein the copy control code controls to display the plurality of copy modes on the user interface (please note column 6 lines 11-24).

Regarding claim 42 Maniwa et al disclose: The medium according to claim 41, wherein the setup information includes scan document size information and print paper size information (please note column 26 lines 22-25).

Regarding claim 43 Maniwa et al disclose: The medium according to claim 42, wherein the copy control code controls to acquire the scan document size information and print paper size information selected by the operator from the memory determine a copy magnification on the basis of the acquired scan document size information and print paper size information, and zoom an image scanned by the scanner on the basis of the

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determined copy magnifications (please note column 26 lines 22-46).

Regarding claim 44 Maniwa et al disclose: The medium according to claim 38, wherein the copy control code controls to generate a plurality of copy modes from the setup information and display the plurality of generated copy modes on the user interface in correspondence with the setup information (please note column 19 lines 65-67 and column 20 lines 1-3).

Regarding claim 45 and 56 Maniwa et al disclose: A computer readable memory which stores a program code of an image processing method which is implemented using a scanner driver and printer driver (please note Fig.2, column 12 lines 7-11) in a host computer (please note column 15 lines 45-47) which is connected to a scanner and printer via a communication medium (please note Fig.1 item 101) comprising: a copy control code for controlling the scanner driver and printer driver (please note column 16 lines 6-24) and controlling a user interface which is used to make a copy operation and display copy information (please note Fig.1 column 6 lines 11-24) and a shared information storage code for storing in a memory setup information which is shared and used among the scanner driver the printer driver and the copy control code (please note Fig.2, column 12 lines 3-20) wherein the copy control code controls to generate a plurality of copy modes from the setup information and display the plurality of generated copy modes on the user interface in correspondence with the setup information (please note column 22 lines 3-8).

Regarding claim 46 Maniwa et al disclose: The medium according to claim 45, wherein the copy control code generates the plurality of copy modes from scan setup

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information and print setup information included in the setup information (please note column 18 lines 20-27).

Regarding claim 50 Mainwa et al disclose: The program according to claim 49, wherein the setup information includes scan setup information and print setup information which correspond to a plurality of copy modes (please note column 16 lines 6-17).

Regarding claim 51 Maniwa et al disclose: The program according to claim 50, wherein the copy control step includes the step of acquiring scan setup information and print setup information corresponding to the copy mode selected by an operator from the memory, passing the scan setup information to the scanner driver, and passing the print setup information to the printer driver (please note column 11 lines 47-67 and column 12 lines 1-17).

Regarding claim 52 Maniwa et al disclose: The program according to claim 51, wherein the copy control step includes the step of controlling to display the plurality of copy modes on the user interface (please note column 6 lines 11-24).

Regarding claim 53 Maniwa et al disclose: The program according to claim 52, wherein the setup information includes scan document size information and print paper size information (please note column 26 lines 22-25).

Regarding claim 54 disclose: The program according to claim 53, wherein the copy control step includes the step of controlling to acquire the scan document size information and print paper size information selected by the operator from the memory, determine a copy magnification on the basis of the acquired scan document size

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information and print paper size information, and zoom an image scanned by the scanner on the basis of the determined copy magnifications (please note column 26 lines 22-46).

Regarding claim 55 Maniwa et al disclose: The program according to claim 49, wherein the copy control step includes the step of controlling to generate a plurality of copy modes from the setup information, and display the plurality of generated copy modes on the user interface in correspondence with the setup information (please note column 19 lines 65-67 and column 20 lines 1-3).

Regarding claim 57 Maniwa et al disclose: The program according to claim 56, wherein the copy control step includes the step of generating the plurality of copy modes from scan setup information and print setup information included in the setup information (please note column 18 lines 20-27).

Contact Information

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (703) 306-3487.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (703) 305-4863.

Any response to this action should be mailed to:

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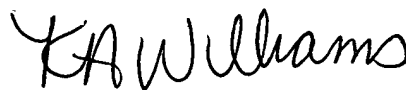
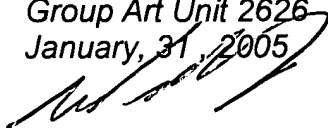
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Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy
Patent Examiner
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January, 31, 2005



KIMBERLY WILLIAMS
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